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In the claims:

1. (Currently Amended) A telecommunication control system for an interactive instruction network system comprising:

at least one host site comprising;

- a presenter software interface displaying communication signals, comprising at least one instruction signal corresponding to a teleinstruction class, in a host compatible software language; and
- a presentation server <u>separate from said presenter</u> <u>software interface and</u> modifying said communication signals by performing a plurality of presenter chosen tasks via said presenter software interface;

two or more bi-directional client adapters converting communication signals between said host compatible software language and two or more heterogeneous client type compatible software languages; and

one or more Internet data adapter(s) directing said communication signals between said presenter software interface and said two or more heterogeneous client types via one or more Internet protocols.

- 2. (Currently Amended) A system as in claim 1 wherein said communication signals comprise at least one of a presentation signal, an instruction signal, a client type signal, or a response signal.
- 3. (Original) A system as in claim 1 further comprising an Internet data adapter manager controlling transmission of said communication signals between said one or more Internet data adapters and said two or more bidirectional client adapters.
- 4. (Previously Presented) A system as in claim 1 wherein said one or more Internet data adapters comprise:

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a first Internet data adaptor directing communication signals between said presenter software interface and a first heterogeneous client type; and

- a second Internet data adaptor directing communication signals between presenter software interface and a second heterogeneous client type.
- 5. (Original) A system as in claim 1 wherein said one or more Internet protocols comprise at least one of a multicast transport, a unicast transport, a transmission control protocol, a low bandwidth protocol, point-to-point protocol, or a user datagram protocol.
- 6. (Currently Amended) An interactive instruction network system comprising:

two or more of heterogeneous client types at two or more remote sites; a host site comprising;

- a presenter hardware interface for communicating with said two or more heterogeneous client types a teleinstruction class; and
- a controller comprising a telecommunication control system and electrically coupled to said presenter hardware interface and transmitting a plurality of presenter communication signals; and
- a data communication transport electrically coupled to said two or more heterogeneous client types and said host site, said high-speed data communication transport providing said two or more heterogeneous client types access to said plurality of presenter communication signals and bi-directional teleinstruction class communication between said host site and said two or more heterogeneous client types.
- 7. (Original) A system as in claim 6 wherein said communication transport is an Internet.
- 8. (Original) A system as in claim 7 wherein said Internet is accessed through at least one of an Internet service provider, a network service

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provider, a corporate modem bank, a digital subscriber line, a satellite system, or a cable television network.

- 9. (Previously Presented) A system as in claim 6 wherein said telecommunication control system comprises:
- a presenter software interface displaying communication signals in a host compatible software language;
- a presentation server coupled within said host site and modifying said communication signals by performing a plurality of presenter chosen tasks via said presenter software interface;

two or more bi-directional client adapters converting communication signals between said host compatible software language and two or more heterogeneous client type compatible languages; and

one or more Internet data adapter(s) directing said communication signals between said presenter software interface and said two or more heterogeneous client types via one or more Internet protocols.

- 10. A system as in claim 6 wherein a heterogeneous client (Original) type of said two or more client types is incorporated within an Intranet.
- A system as in claim 6 wherein a heterogeneous client 11. (Original) type of said two or more client types comprises a very small aperture terminal interface.
- 12. A system as in claim 6 wherein a heterogeneous client (Original) type of said two or more client types is incorporated within a Bluetooth network.
- 13. A system as in claim 6 wherein said two or more (Original) heterogeneous client types comprises two or more of a cellular phone, a computer, a personal digital assistant, a palm pilot, a scanner, a printer, a video camera, a telephone, or a facsimile machine.
- A system as in claim 6 wherein a heterogeneous client (Original) type of said two or more client types comprises at least one of a microphone, a

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keyboard, a mouse, a video monitor, a LCD screen, a 7-segment display, or a computer.

- 15. (Original) A system as in claim 6 wherein:
- a heterogeneous client type of said two or more client types comprises a video camera generating a remote site communication signal; and

wherein said host site receives said remote site communication signal via said telecommunication control system.

- 16. (Original) A system as in claim 6 wherein a first client type is able to receive communication through said communication transport between said host site and a second client type.
- 17. (Currently Amended) A method of remote educational instruction over an interactive instruction network system comprising:

wirelessly broadcasting a plurality of presenter communication signals <u>for</u> a <u>teleinstruction class and from of a presenter from <u>at</u> a host site;</u>

establishing a bi-directional multi-directional communication connection between said host site and two or more heterogeneous client types via a communication transport;

receiving said presenter communication signals <u>and client communication</u> signals from at least one heterogeneous client type on said two or more heterogeneous client types; and

displaying or articulating at least one of said presenter communication signals on said two or more heterogeneous client types.

18. (Original) A method as in claim 17 further comprising:
generating and transmitting a plurality of remote site communication
signals; and

receiving said plurality of remote site communication signals on a presenter interface at said host site.

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- 19. (Original) A method as in claim 17 further comprising receiving communication between said host site and a first client type at a first remote site by a second client type at a second remote site.
- 20. (Currently Amended) A method of synchronizing and converting communication signals between a controller and heterogeneous client types within an interactive instruction network system, said method comprising:

displaying <u>presenter</u> communication signals <u>with respect to a</u> <u>teleinstruction class</u> on a presenter interface;

determining material received from clients to be displayed on each of a plurality of heterogeneous client types;

modifying said presenter communicational signals;

converting said <u>presenter</u> communication signals <u>and said material</u> between a host language and two or more heterogeneous client type languages;

time synchronizing the communication signals; and

displaying the <u>presenter</u> communication signals <u>and said material</u> on multiple learning media at multiple remote locations.